

*Fig. 1*

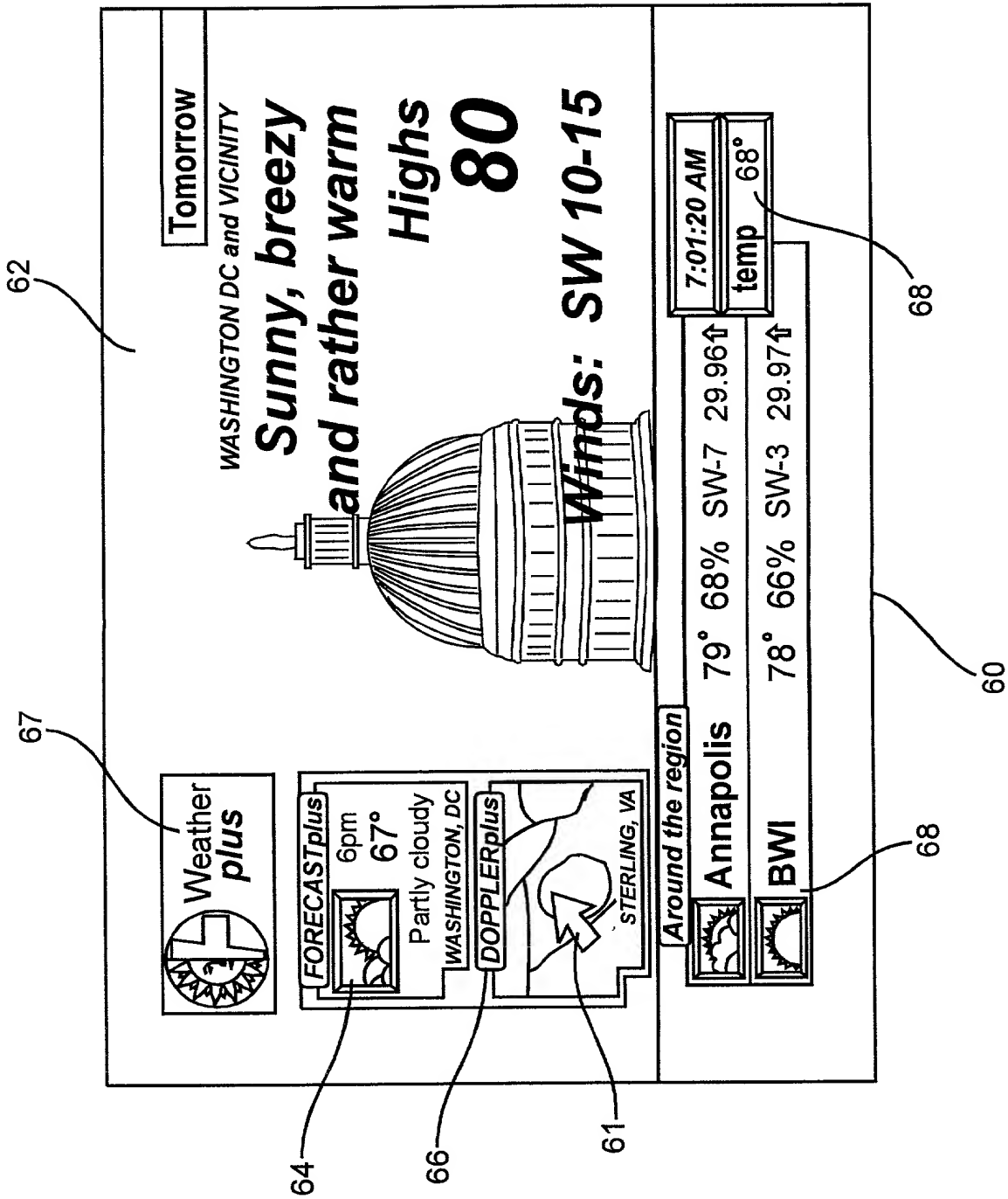


Fig. 2A

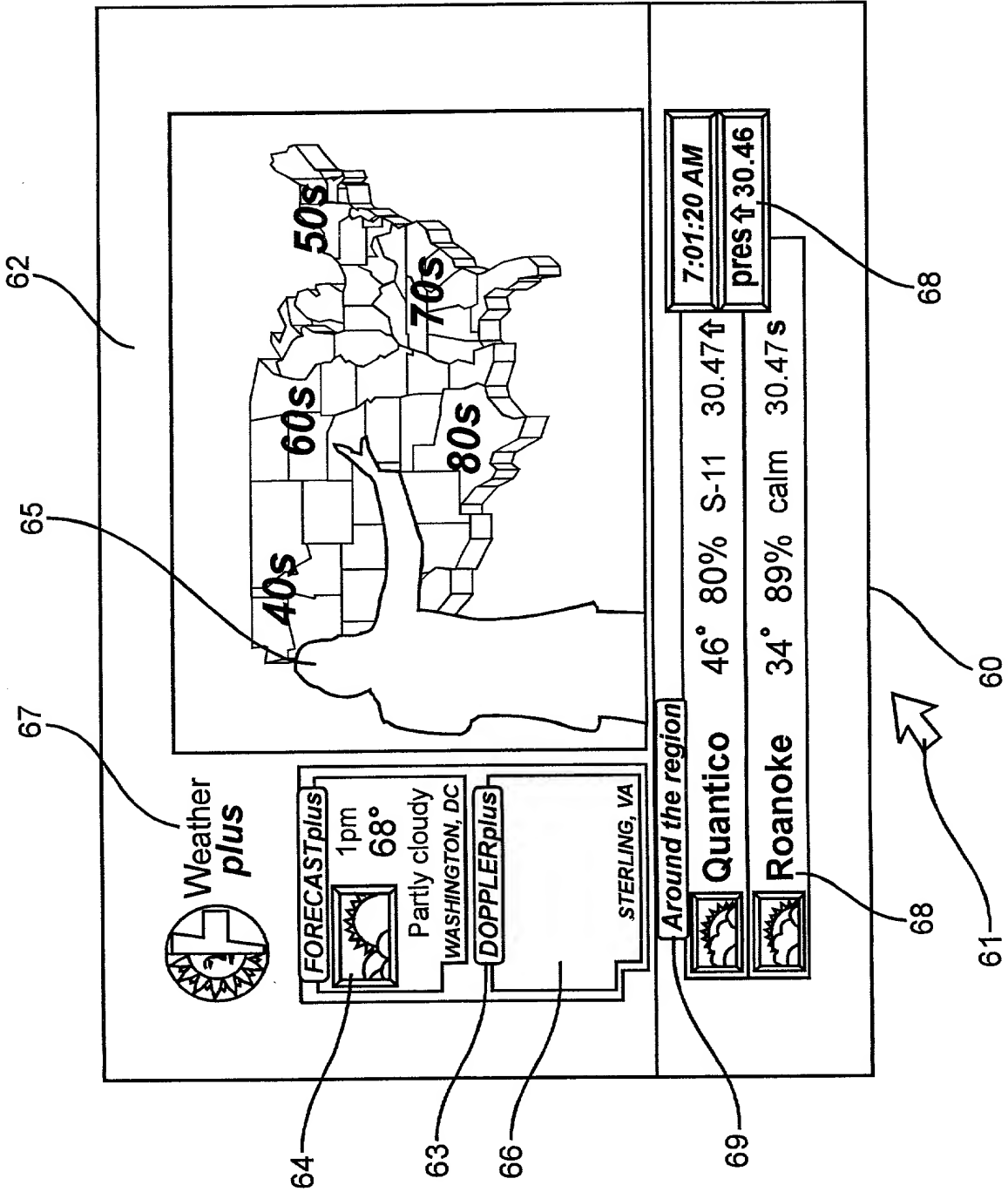


Fig. 2B

# Multiplexing of Zoned and National Feeds (US Service)

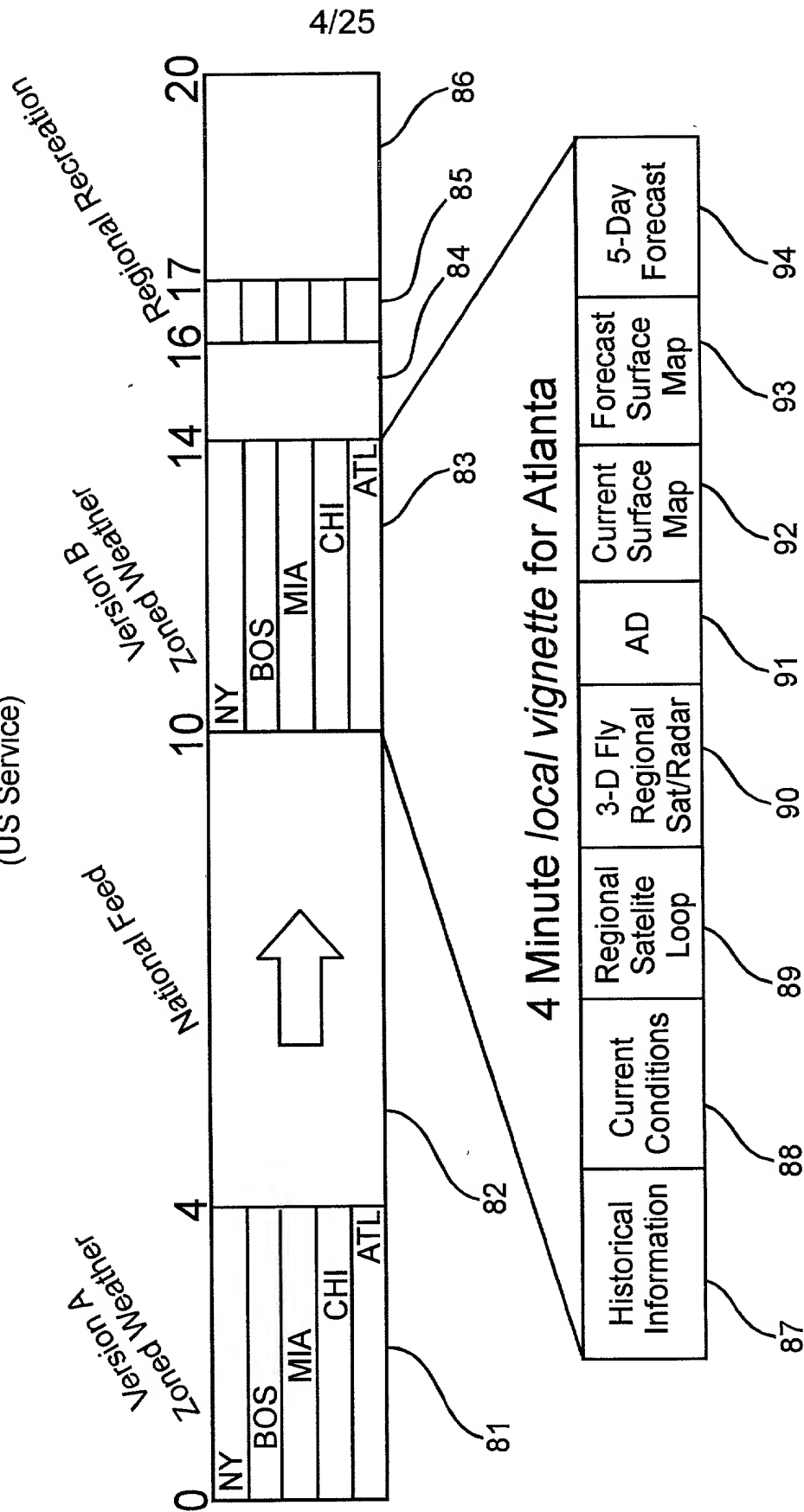


Fig. 3A

# WEATHER PLUS DAILY PROGRAMMING GRID

SAMPLE WEEK - YEAR 1

Version 1.8	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
West East							
3:00 6:00 Live	Morning Weather 1	Morning Weather 1	Morning Weather 1	Morning Weather 1	Morning Weather 1	Daily Weather 1	Daily Weather 1
3:30 6:30 Live							
4:00 7:00 Live	Morning Weather 2	Morning Weather 2	Morning Weather 2	Morning Weather 2	Morning Weather 2	Daily Weather 2	Daily Weather 2
4:30 7:30 Live							
5:00 8:00 Live	Morning Weather 3	Morning Weather 3	Morning Weather 3	Morning Weather 3	Morning Weather 3	Daily Weather 3	Daily Weather 3
5:30 8:30 Live							
6:00 9:00 some repeat	Morning Weather 1	Morning Weather 1	Morning Weather 1	Morning Weather 1	Morning Weather 1	Daily Weather 1	Daily Weather 1
6:30 9:30 some repeat							
7:00 10:00 some repeat	Morning Weather 2	Morning Weather 2	Morning Weather 2	Morning Weather 2	Morning Weather 2	Daily Weather 2	Daily Weather 2
7:30 10:30 some repeat							
8:00 11:00 some repeat	Morning Weather 3	Morning Weather 3	Morning Weather 3	Morning Weather 3	Morning Weather 3	Daily Weather 3	Daily Weather 3
8:30 11:30 some repeat							
9:00 12:00 Live	Daily Weather 1	Daily Weather 1	Daily Weather 1	Daily Weather 1	Daily Weather 1	Daily Weather 1	Daily Weather 1
9:30 12:30 Live							
10:00 1:00 Live	Daily Weather 2	Daily Weather 2	Daily Weather 2	Daily Weather 2	Daily Weather 2	Daily Weather 2	Daily Weather 2
10:30 1:30 Live							
11:00 2:00 Live	Daily Weather 3	Daily Weather 3	Daily Weather 3	Daily Weather 3	Daily Weather 3	Daily Weather 3	Daily Weather 3
11:30 2:30 Live							
12:00 3:00 some repeat	Daily Weather 1	Daily Weather 1	Daily Weather 1	Daily Weather 1	Daily Weather 1	Daily Weather 1	Daily Weather 1
12:30 3:30 some repeat							
1:00 4:00 some repeat	Daily Weather 2	Daily Weather 2	Daily Weather 2	Daily Weather 2	Daily Weather 2	Daily Weather 2	Daily Weather 2
1:30 4:30 some repeat							
2:00 5:00 some repeat	Daily Weather 3	Daily Weather 3	Daily Weather 3	Daily Weather 3	Daily Weather 3	Daily Weather 3	Daily Weather 3
2:30 5:30 some repeat							
3:00 6:00 Live	Weather Plus PM Report 1	Weather Plus PM Report 1	Weather Plus PM Report 1	Weather Plus PM Report 1	Weather Plus PM Report 1	Daily Weather 1	Weather Plus PM Report 1
3:30 6:30 Live							
4:00 7:00 Live	Weather Plus PM Report 2	Weather Plus PM Report 2	Weather Plus PM Report 2	Weather Plus PM Report 2	Weather Plus PM Report 2	Daily Weather 2	Weather Plus PM Report 2
4:30 7:30 Live							
5:00 8:00 Live	Weather Plus PM Report 3	Weather Plus PM Report 3	Weather Plus PM Report 3	Weather Plus PM Report 3	Weather Plus PM Report 3	Daily Weather 3	Weather Plus PM Report 3
5:30 8:30 Live							
6:00 9:00 Live	Tomorrow's Weather 1	Tomorrow's Weather 1	Tomorrow's Weather 1	Tomorrow's Weather 1	Tomorrow's Weather 1	Daily Weather 1	Tomorrow's Weather 1
6:30 9:30 Live							
7:00 10:00 Live	Tomorrow's Weather 2	Tomorrow's Weather 2	Tomorrow's Weather 2	Tomorrow's Weather 2	Tomorrow's Weather 2	Daily Weather 2	Tomorrow's Weather 2
7:30 10:30 Live							
8:00 11:00 Live	Tomorrow's Weather 3	Tomorrow's Weather 3	Tomorrow's Weather 3	Tomorrow's Weather 3	Tomorrow's Weather 3	Daily Weather 3	Tomorrow's Weather 3
8:30 11:30 Live							
9:00 12:00 some repeat	Weather Plus PM Report 1	Weather Plus PM Report 1	Weather Plus PM Report 1	Weather Plus PM Report 1	Weather Plus PM Report 1	Daily Weather 1	Weather Plus PM Report 1
9:30 12:30 some repeat							
10:00 1:00 some repeat	Weather Plus PM Report 2	Weather Plus PM Report 2	Weather Plus PM Report 2	Weather Plus PM Report 2	Weather Plus PM Report 2	Daily Weather 2	Weather Plus PM Report 2
10:30 1:30 some repeat							
11:00 2:00 some repeat	Weather Plus PM Report 3	Weather Plus PM Report 3	Weather Plus PM Report 3	Weather Plus PM Report 3	Weather Plus PM Report 3	Daily Weather 3	Weather Plus PM Report 3
11:30 2:30 some repeat							
12:00 3:00 repeat	Tomorrow's Weather 1	Tomorrow's Weather 1	Tomorrow's Weather 1	Tomorrow's Weather 1	Tomorrow's Weather 1	Daily Weather 1	Tomorrow's Weather 1
12:30 3:30 repeat							
1:00 4:00 repeat	Tomorrow's Weather 2	Tomorrow's Weather 2	Tomorrow's Weather 2	Tomorrow's Weather 2	Tomorrow's Weather 2	Daily Weather 2	Tomorrow's Weather 2
1:30 4:30 repeat							
2:00 5:00 repeat	Tomorrow's Weather 3	Tomorrow's Weather 3	Tomorrow's Weather 3	Tomorrow's Weather 3	Tomorrow's Weather 3	Daily Weather 3	Tomorrow's Weather 3
2:30 5:30 repeat							

Fig. 3B

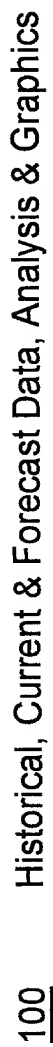
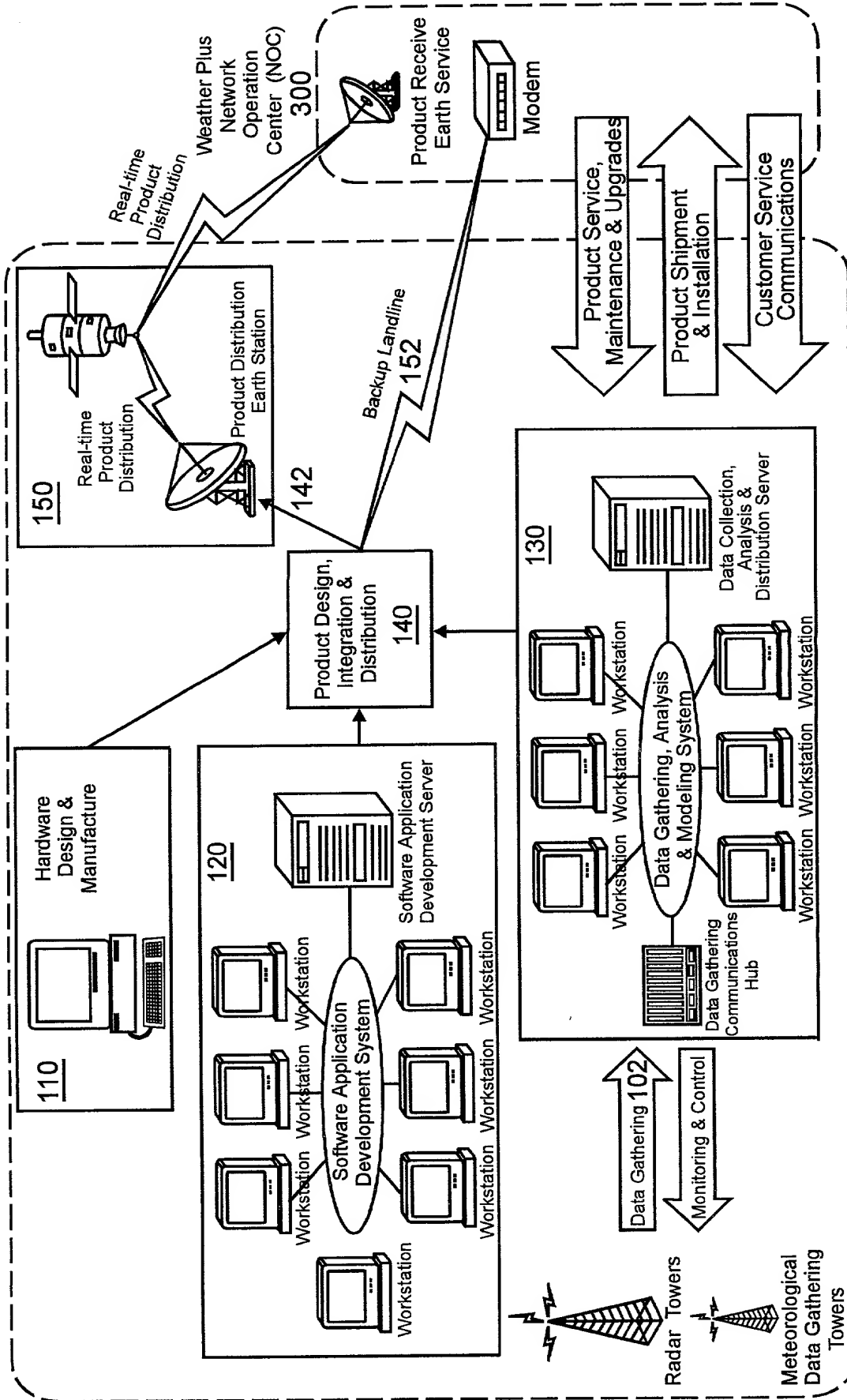


Fig. 4A

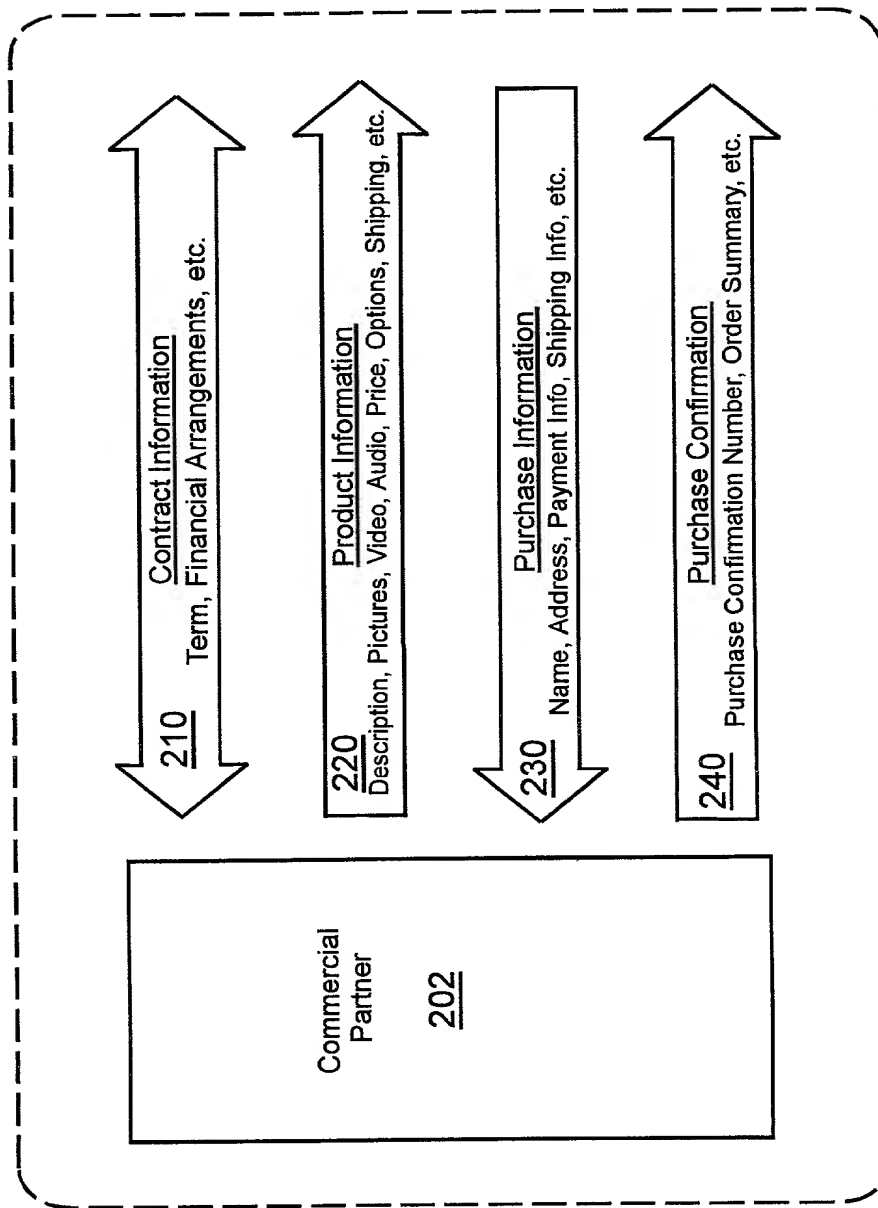


Historical, Current & Forecast Data, Analysis & Graphics 100

Fig. 4B

8/25

COMMERCIAL TRANSACTION PROCESSING 200



Network Operations Center  
(NOC)

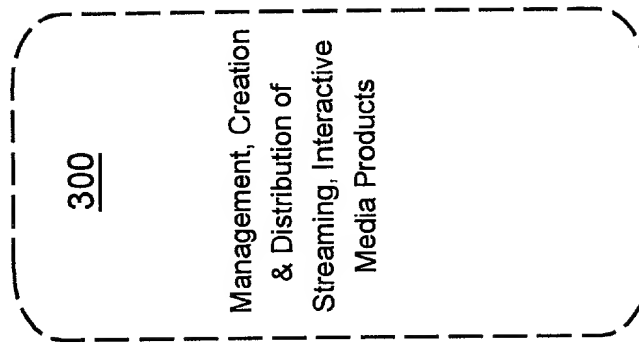
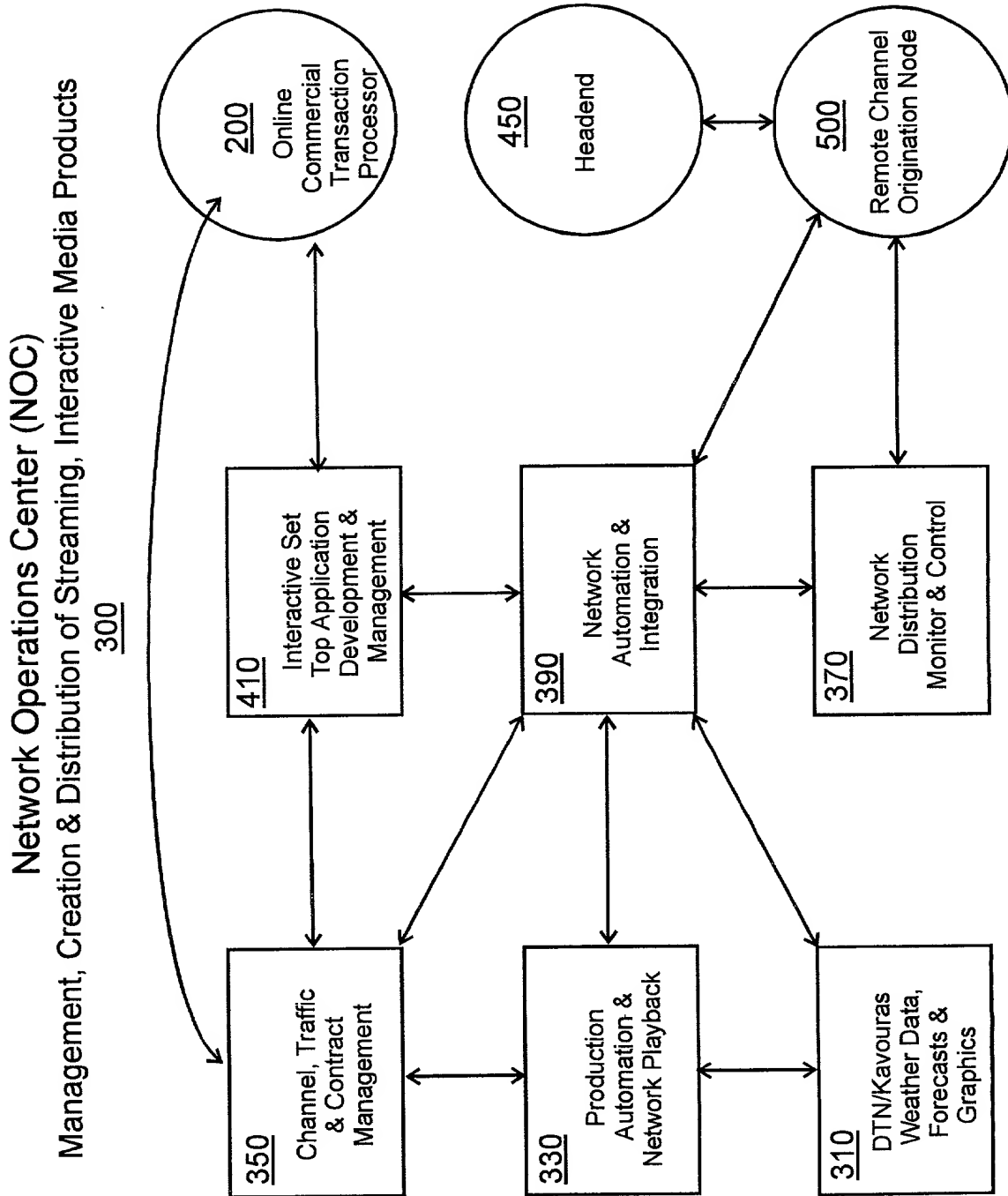
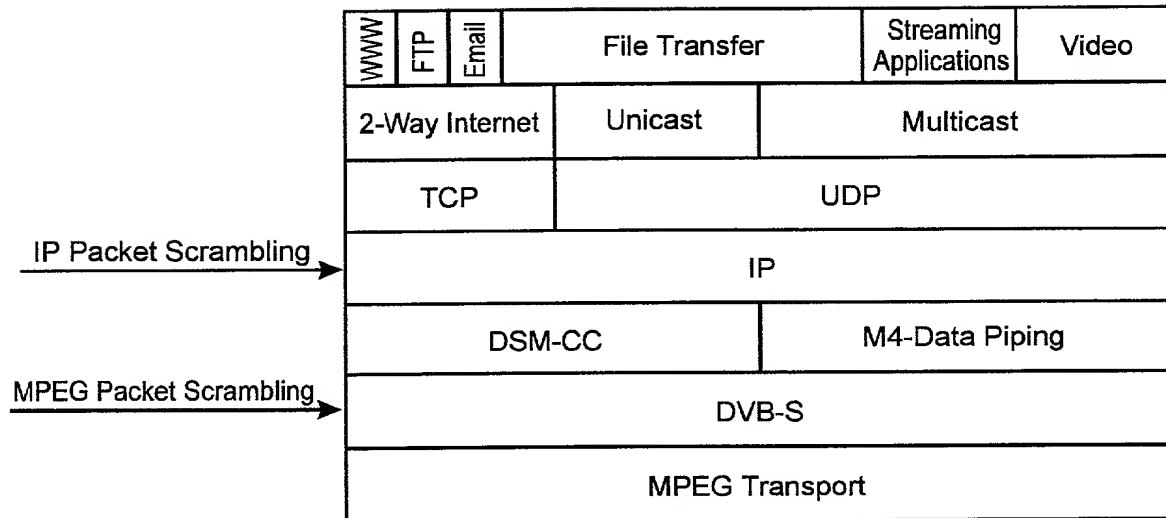


Fig. 5





*Fig. 6*

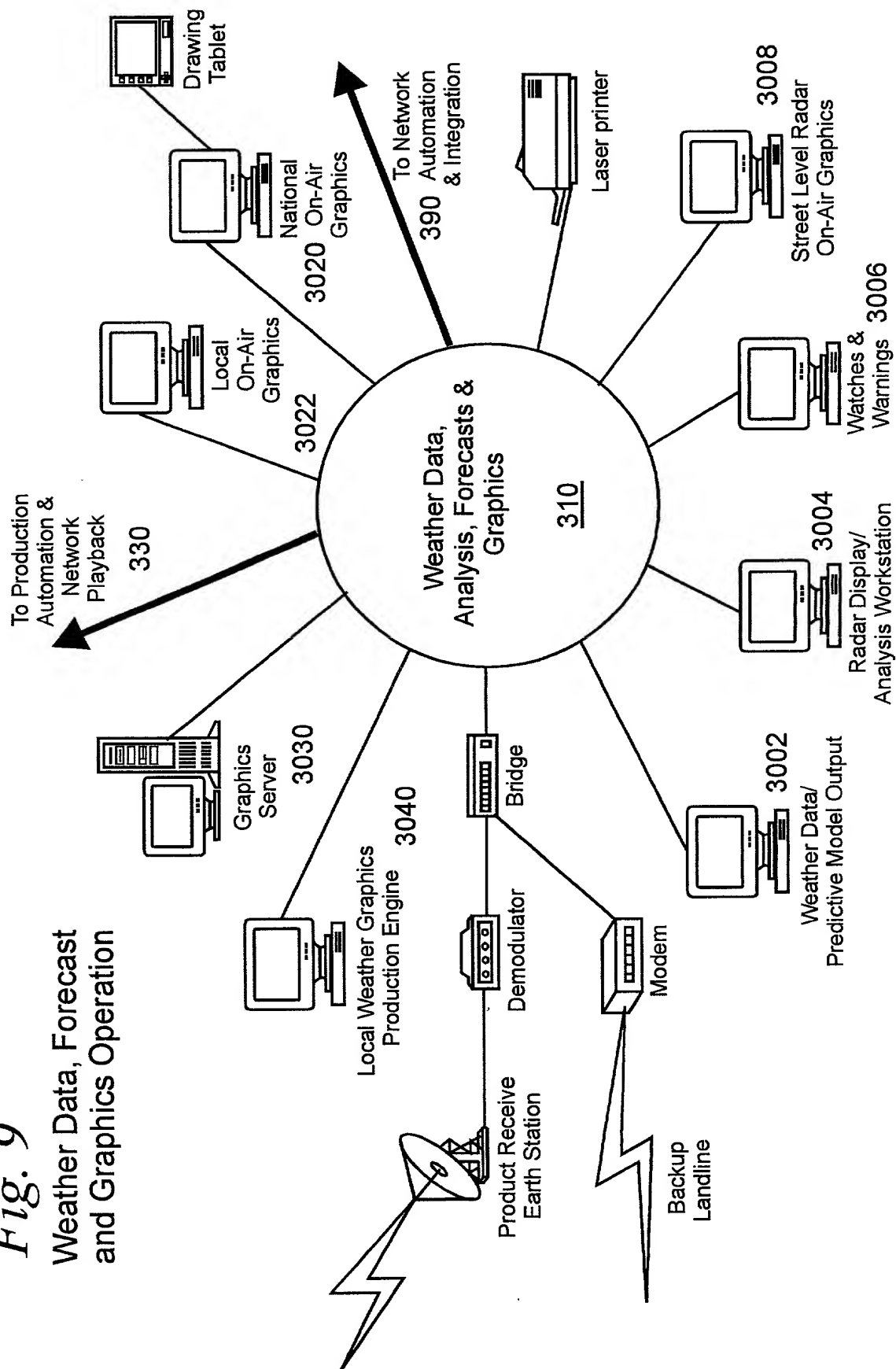
*Fig. 7*

## IP HEADER FORMAT

VER	IHL	TOS	TOTAL LENGTH
IDENTIFICATION			FRAGMENT OFFSET
TIME-TO-LIVE		PROTOCOL	HEADER CHECKSUM
SOURCE ADDRESS			
DESTINATION ADDRESS			
OPTIONS			

*Fig. 8*

Fig. 9



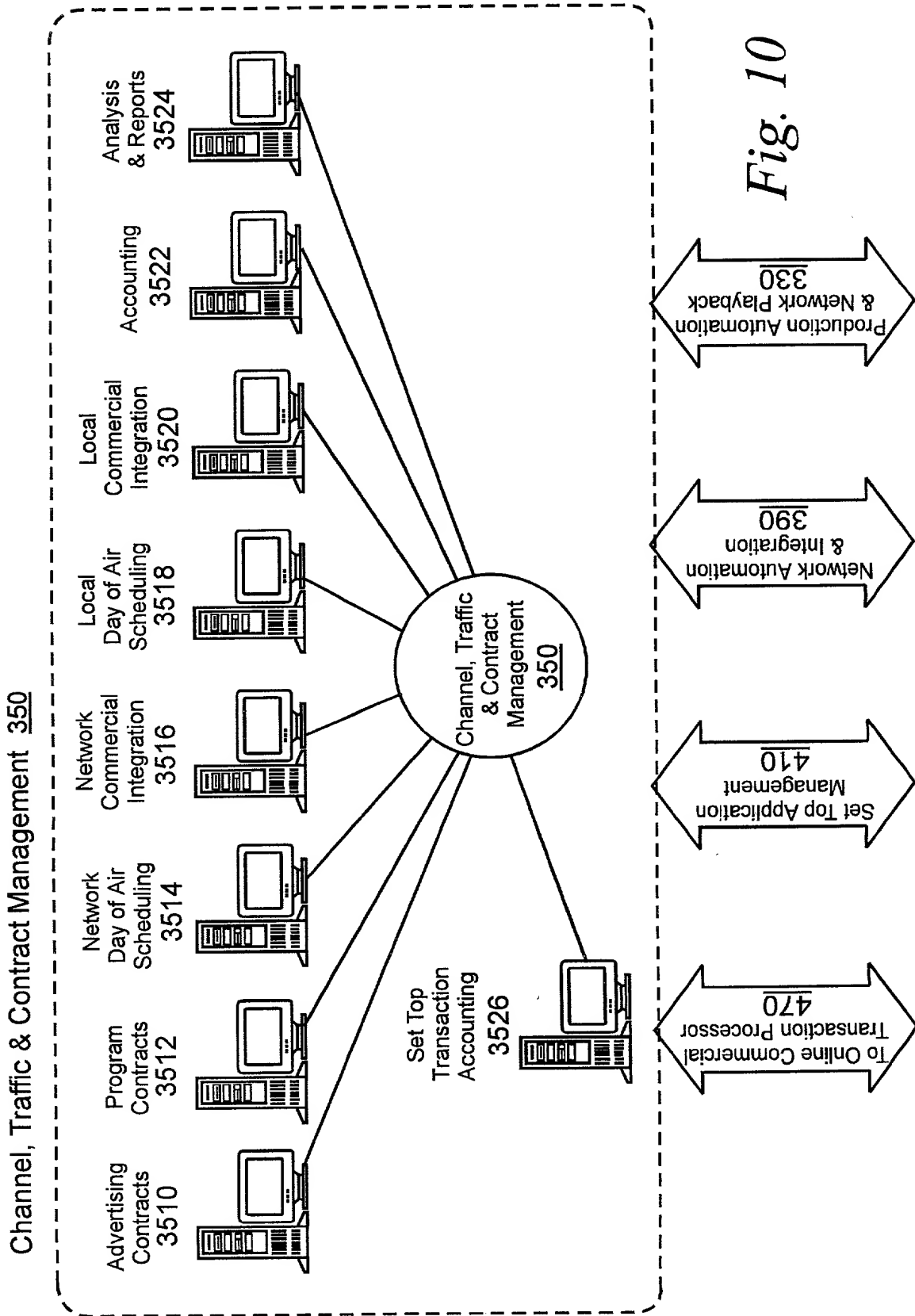


Fig. 10

# Production Automation & Network Playback 330

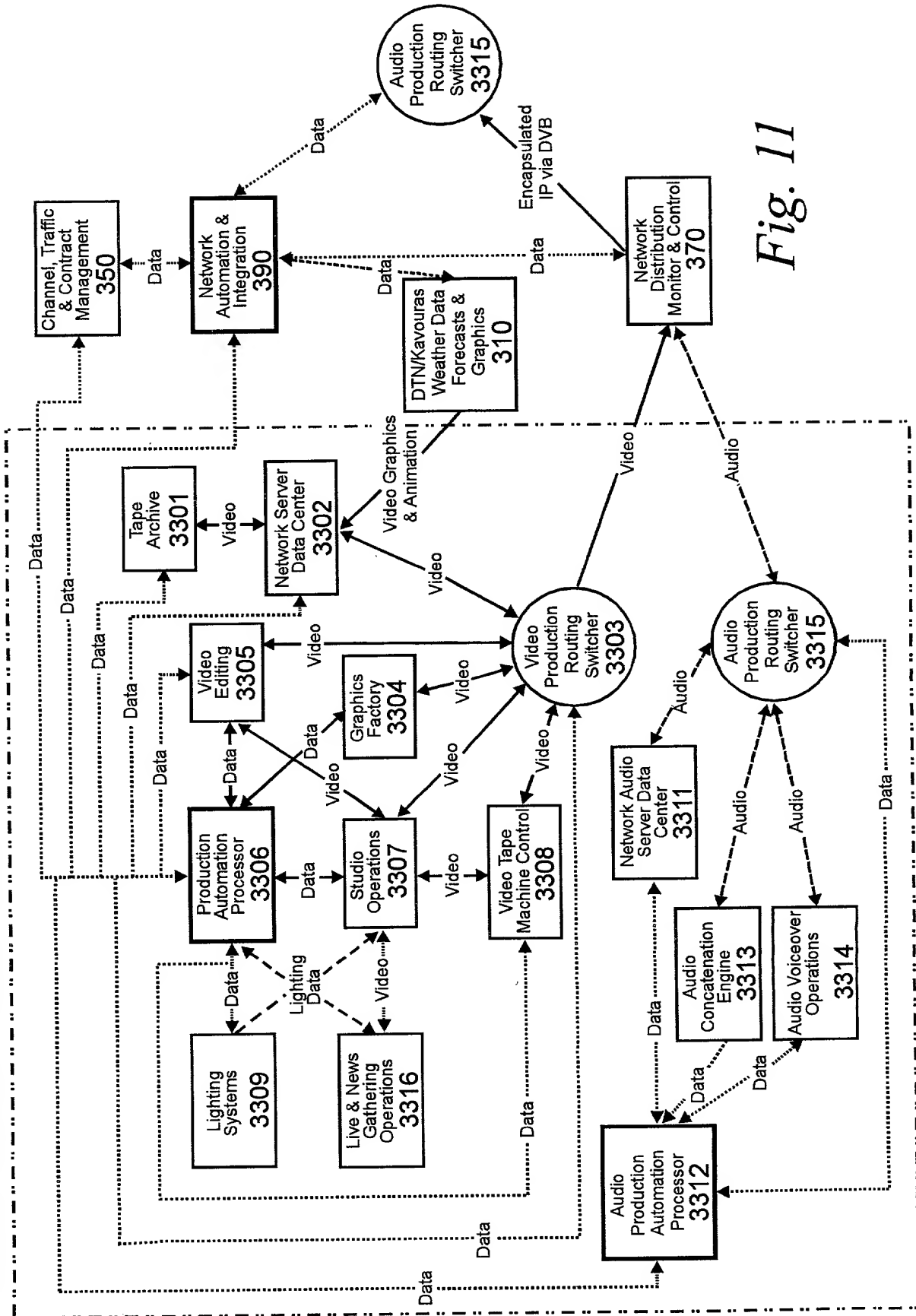


Fig. 11

Fig. 12

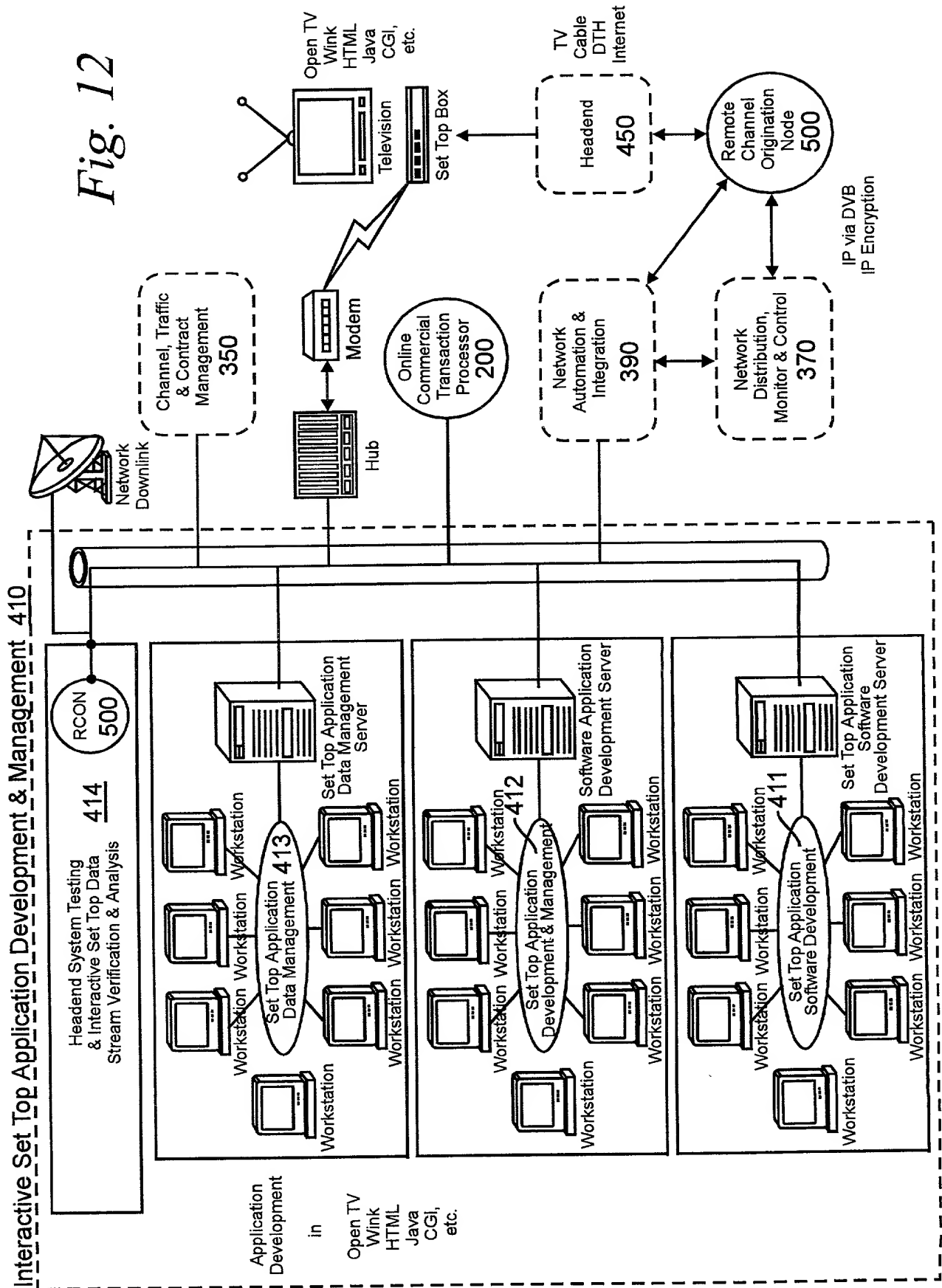


Fig. 13A Cable Distribution

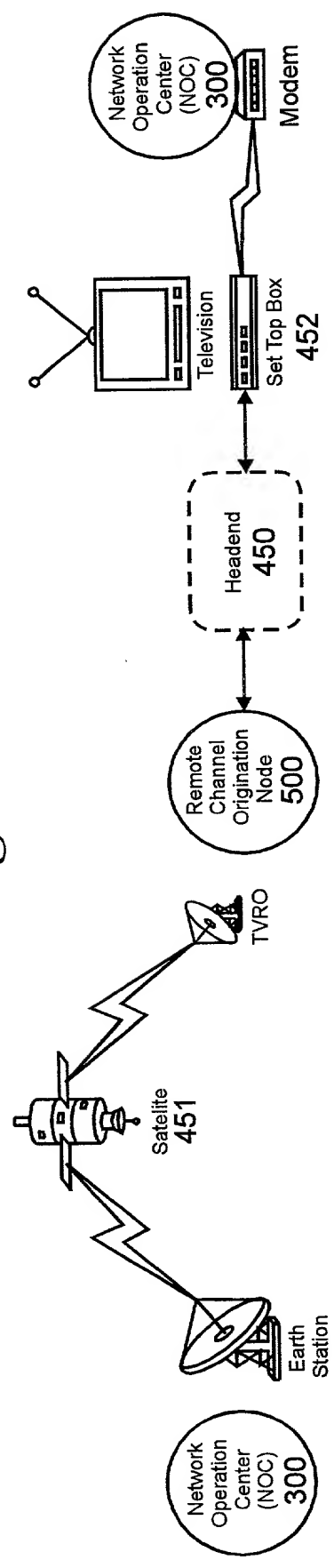
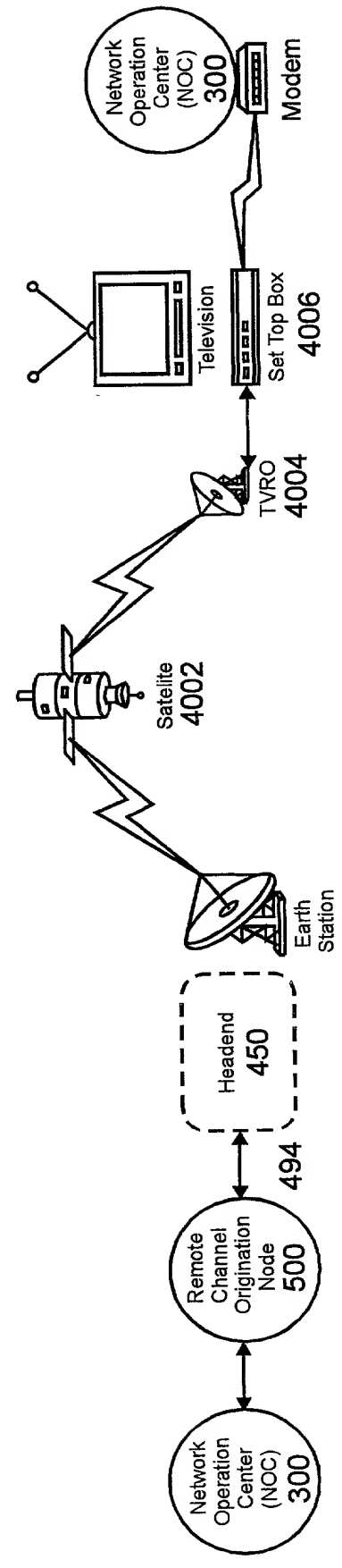
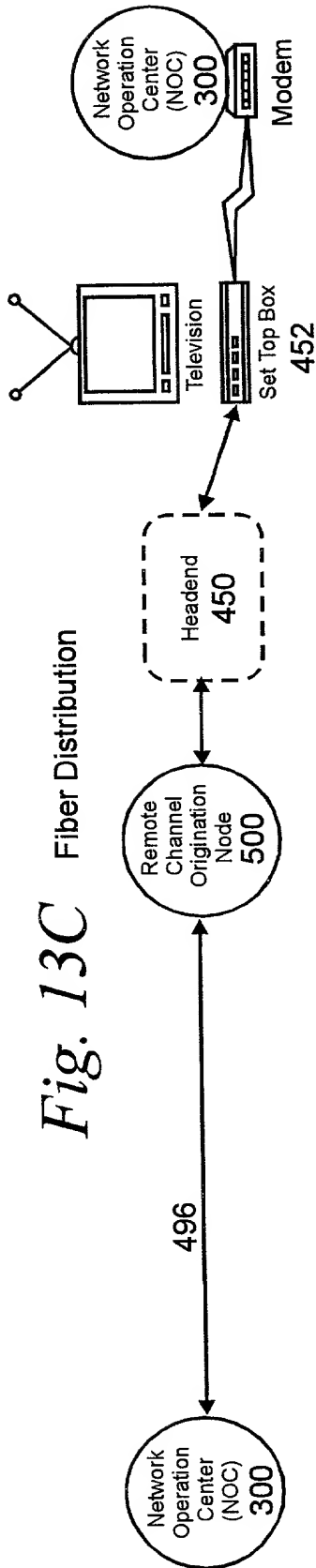


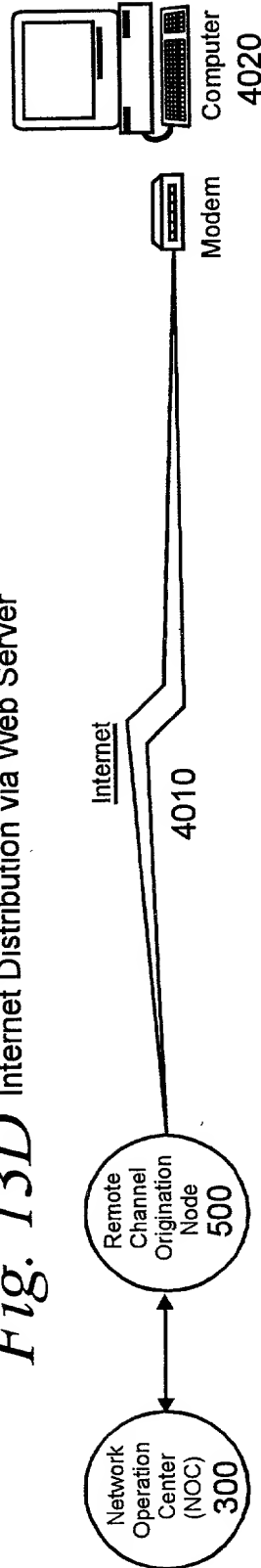
Fig. 13B DTH Distribution



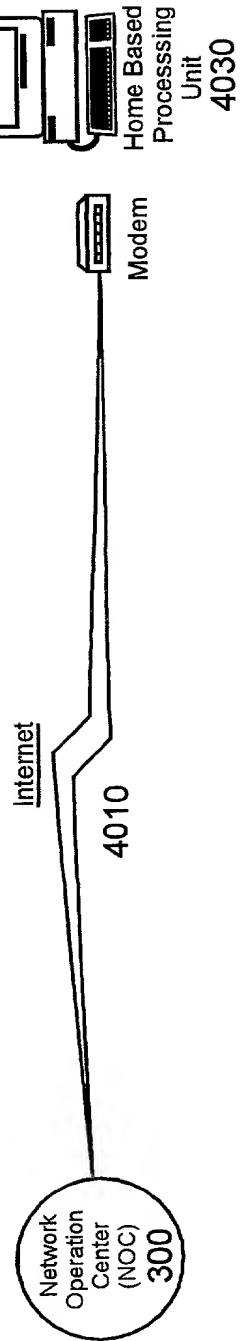
*Fig. 13C* Fiber Distribution



*Fig. 13D* Internet Distribution via Web Server



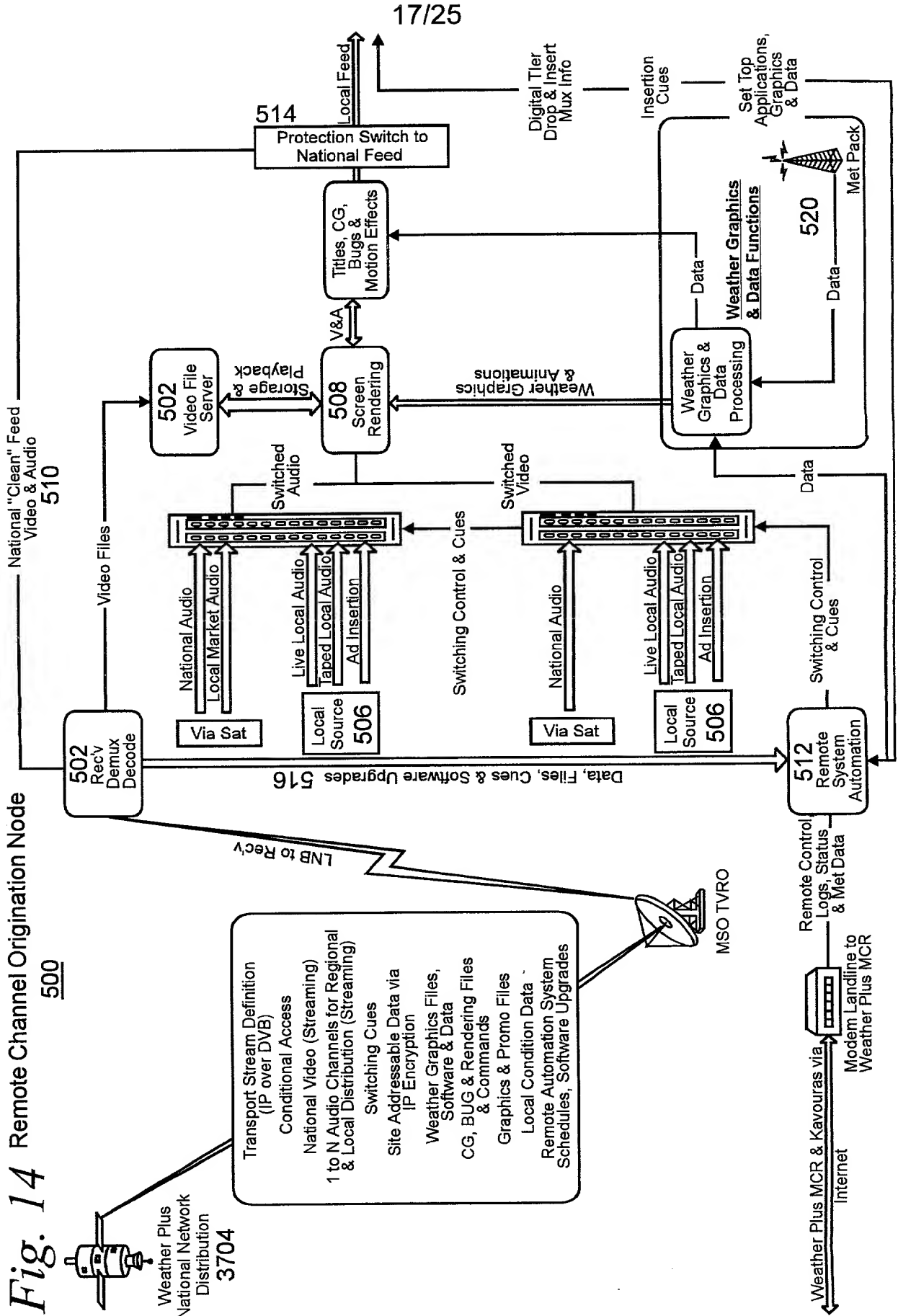
*Fig. 13D* Internet Distribution via Home Based Processing Unit





**Fig. 14** Remote Channel Origination Node

500



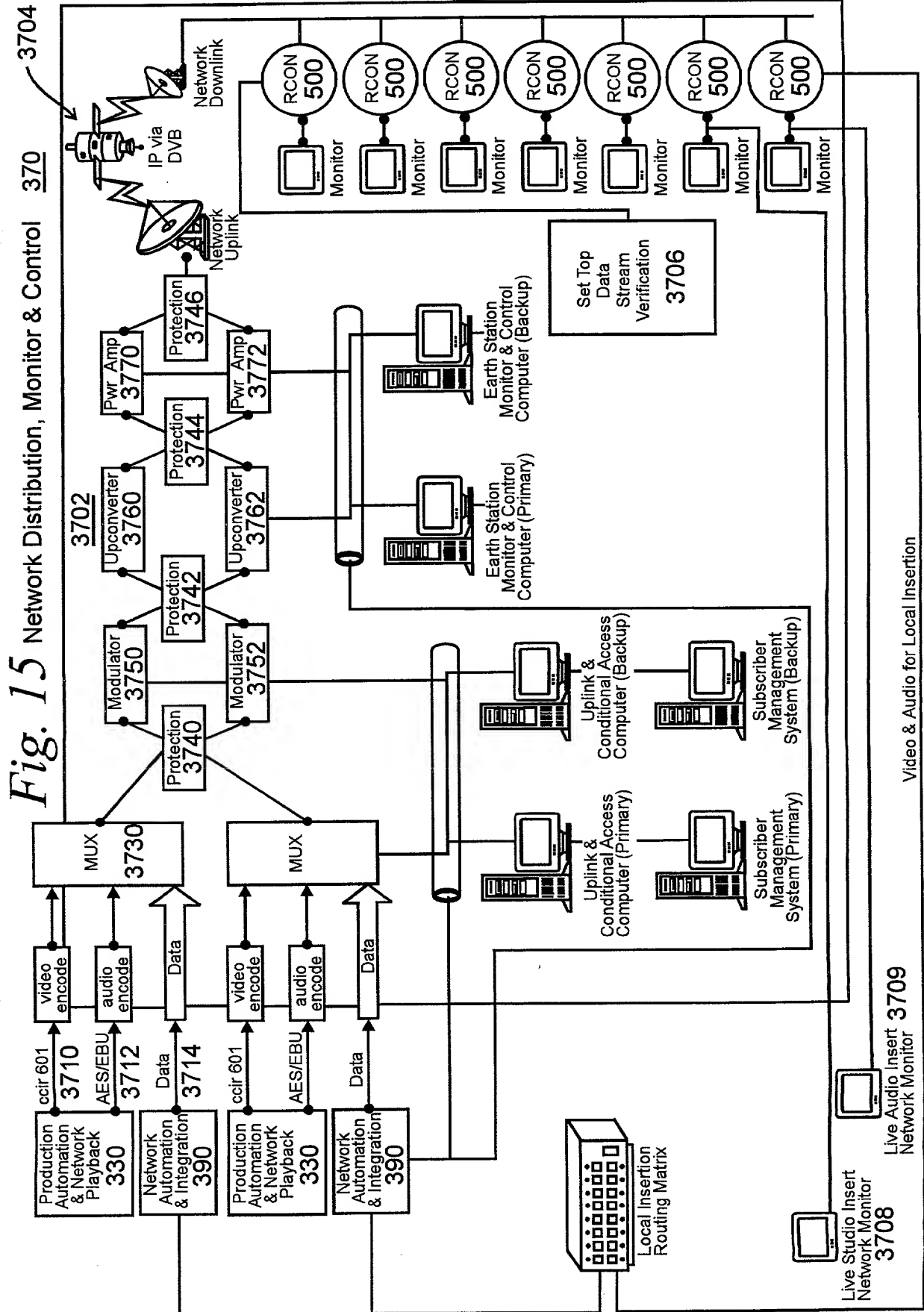
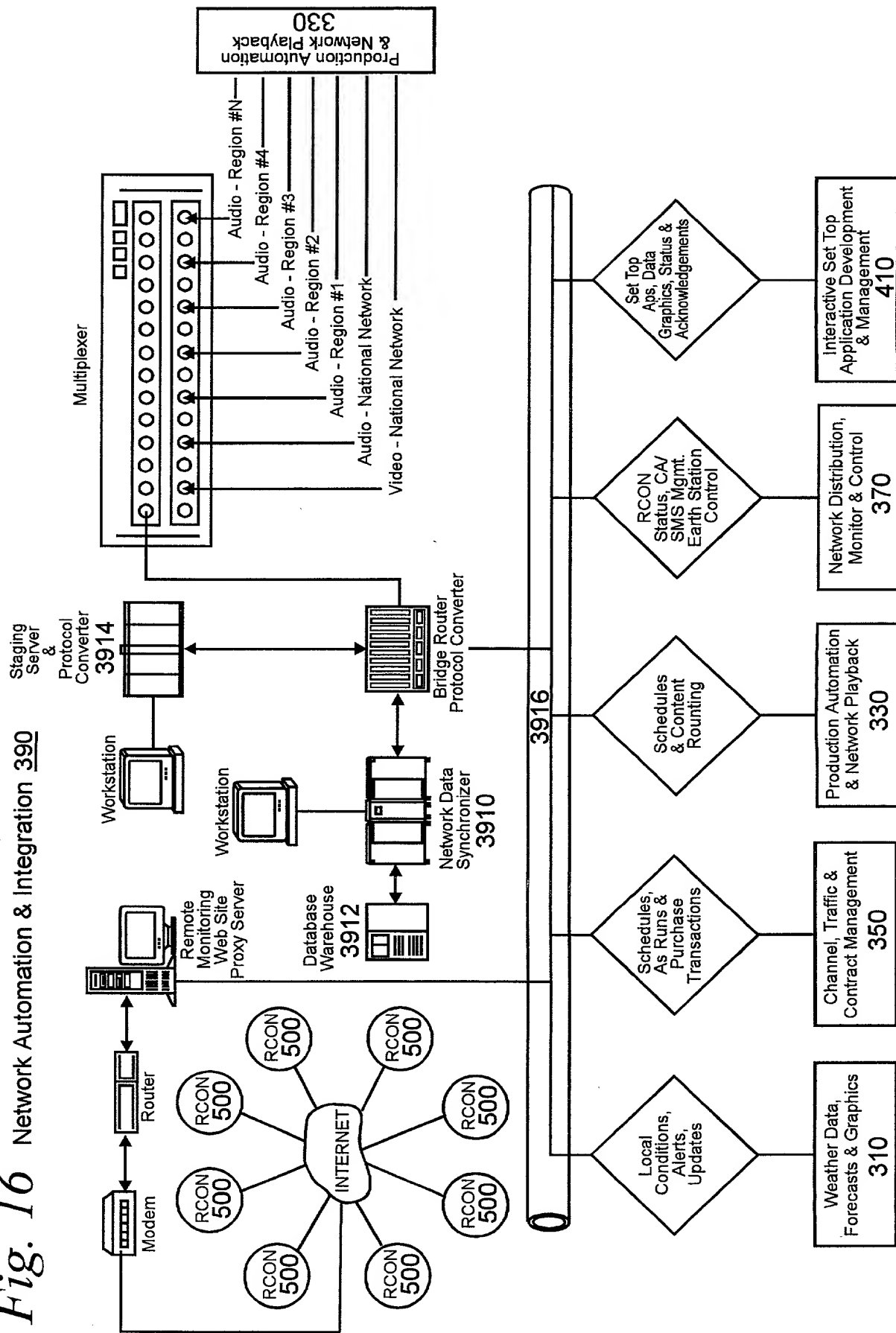


Fig. 16



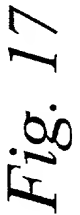
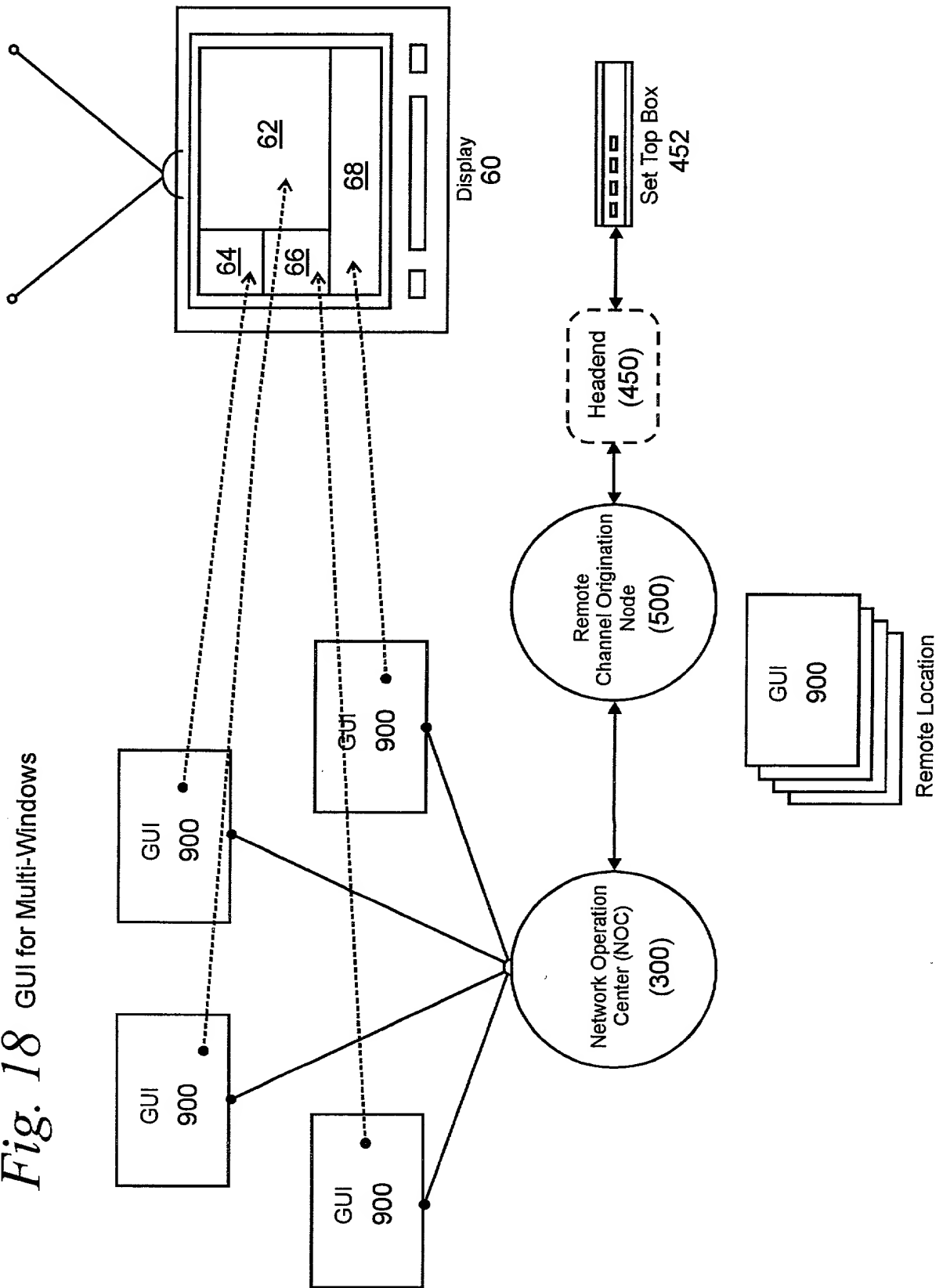
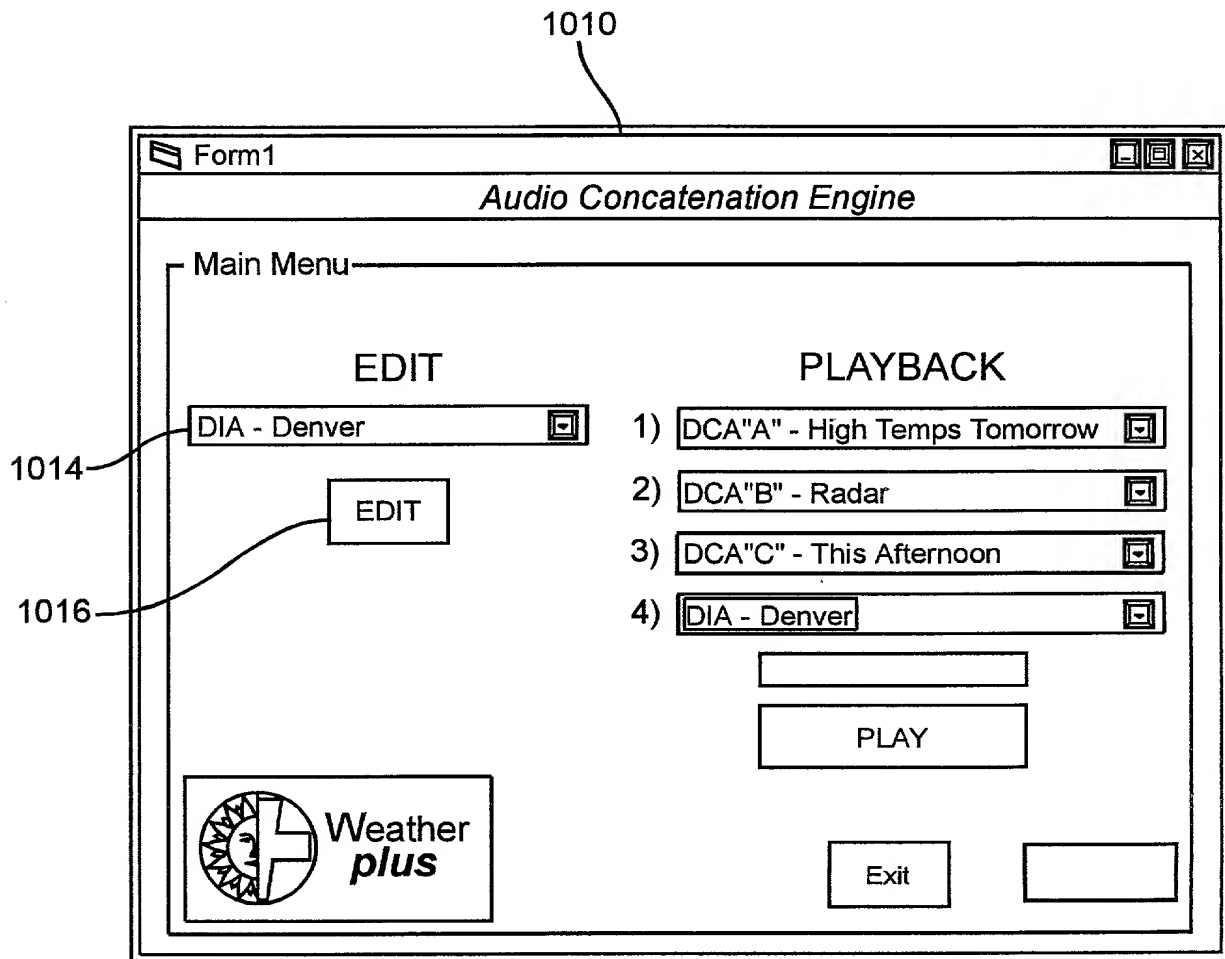


Fig. 18 GUI for Multi-Windows



*Fig. 19*

1012

Form5

DIA - Denver

Script Edit Window

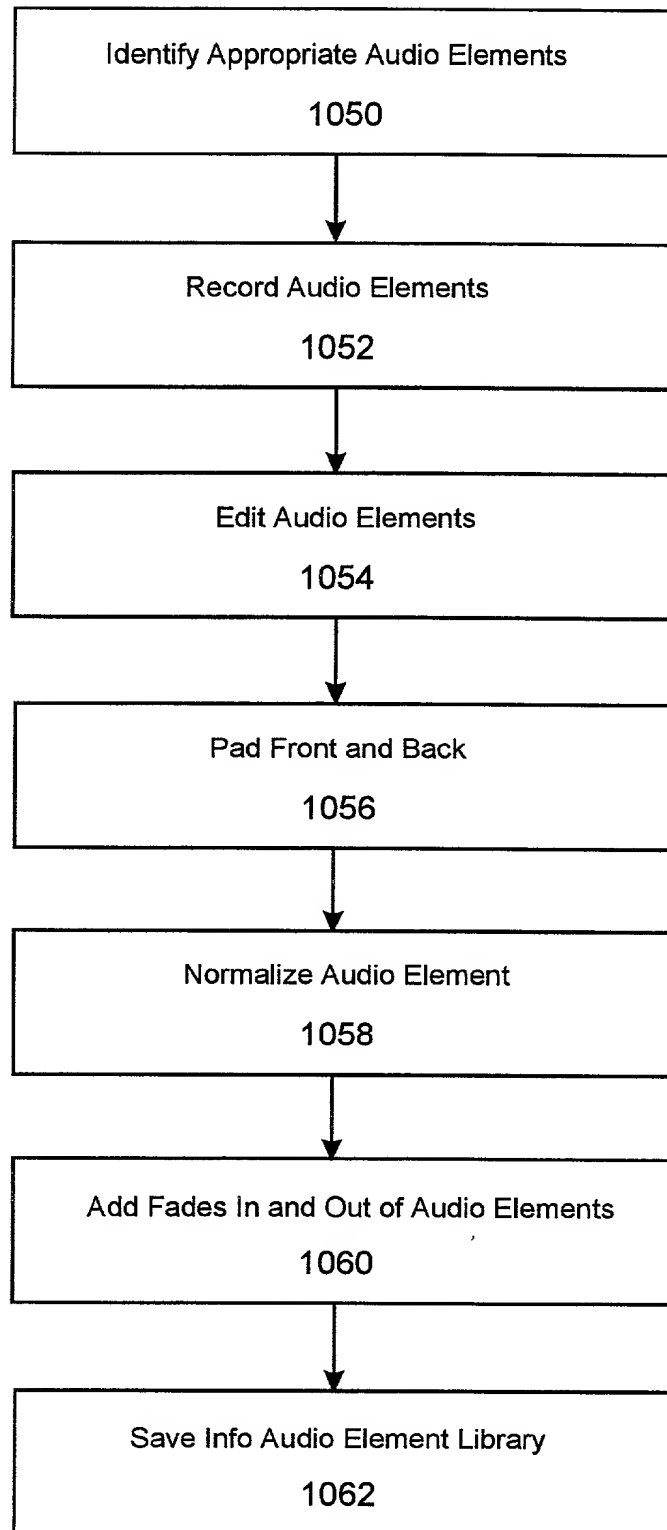
Noon temperatures for the Denver area reveal a 5 degree difference between Boulder and Denver International. Pretty chilly for this time of year. The cooling trend for early-March continues with temperatures at Denver International already Boulder reading 41b Cherry Knolls 45a 46a 47a 48a 49a 50a 51a 52a 43b Aurora 46a and Centra checking in at 44a DBS Tag

Cancel Reset Time Process Listen Save

1020 1022 1024 1026 1028

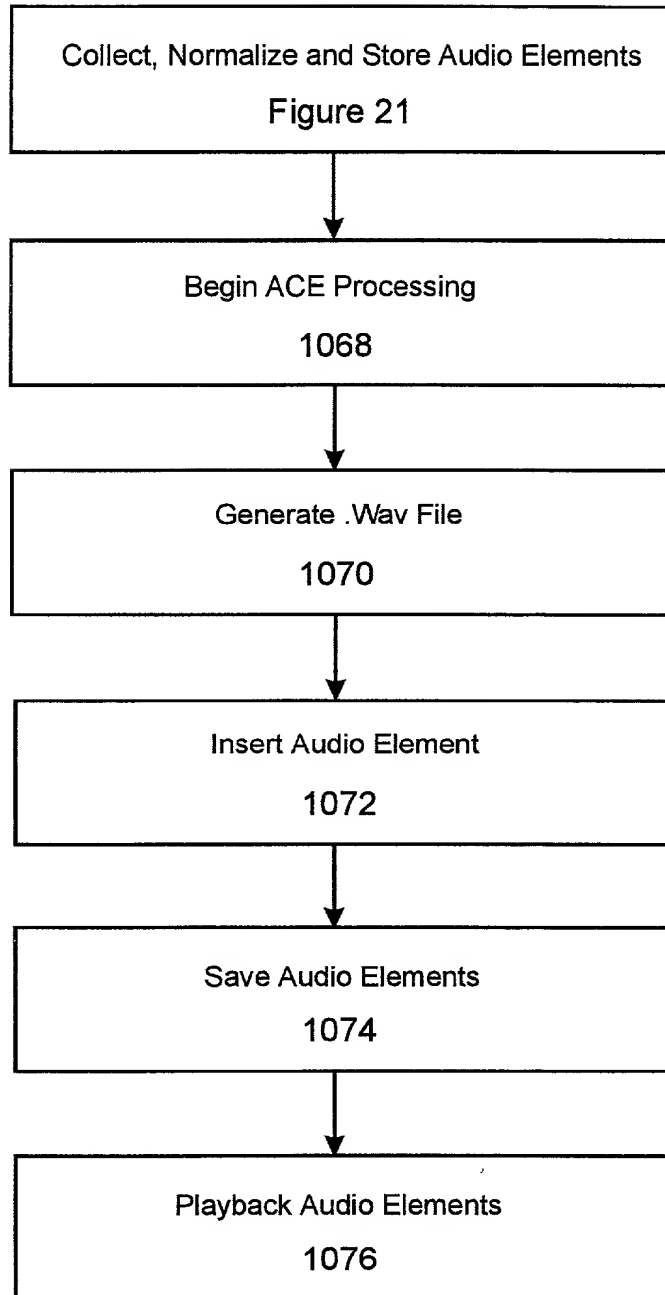
Fig. 20

24/25



*Fig. 21*





*Fig. 22*